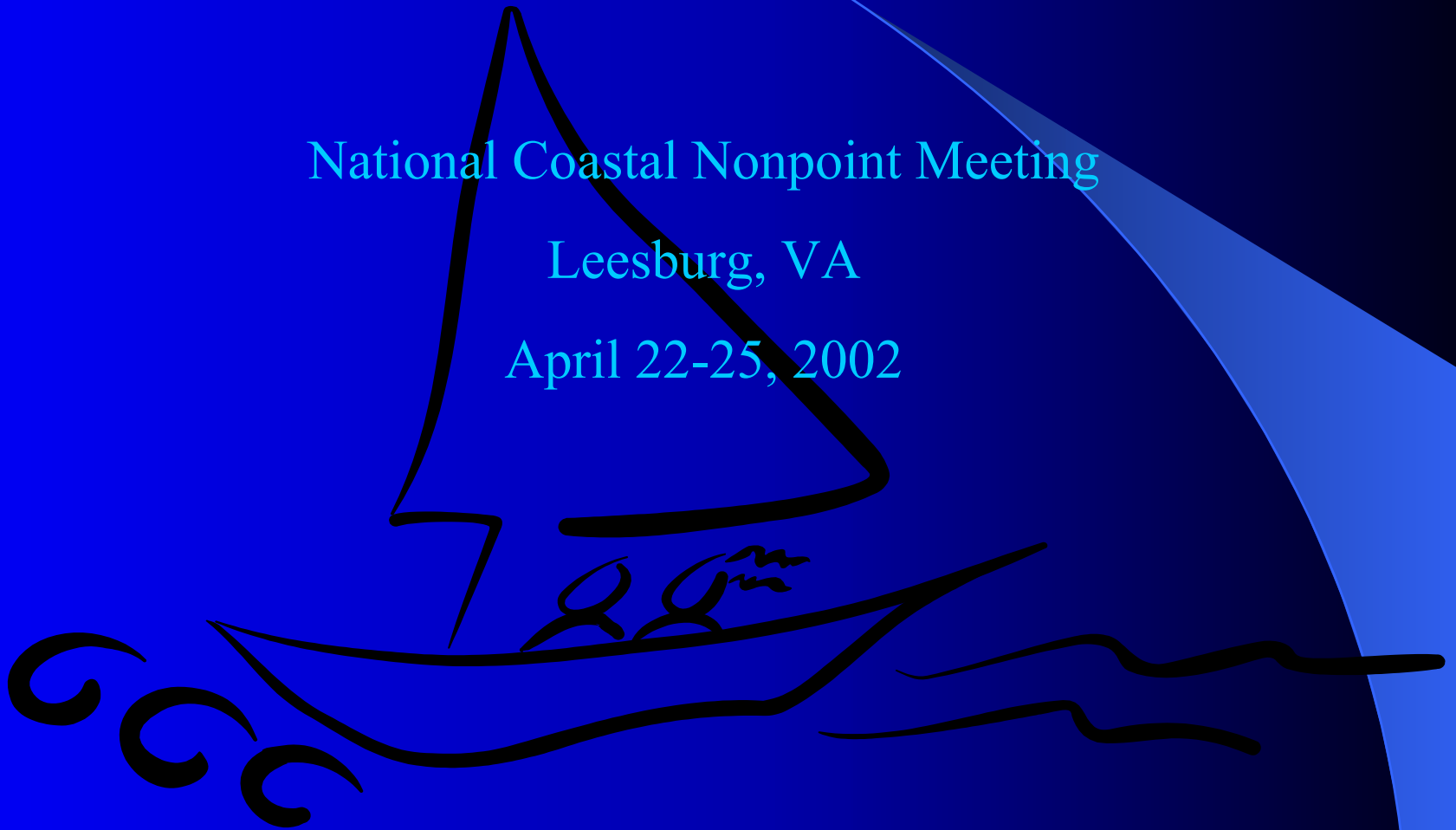


Clean Marinas

National Coastal Nonpoint Meeting






Leesburg, VA

April 22-25, 2002









Management Measures

Siting & Design

-  Marina Flushing
-  Water Quality Assessment
-  Habitat Assessment
-  Shoreline Stabilization
-  Stormwater from hull maintenance

Management Measures cont.

Marina Management

-  Fueling station design
-  Sewage facility mgmt/maintenance
-  Solid, liquid & fish waste management
-  Petroleum Control
-  Public Education
-  Boat cleaning/operation

Clean Marina Programs

10 Implementing States

 California

 Maryland

 NPS (D.C.)

 South Carolina

 Texas

 Florida

 Massachusetts

 North Carolina

 TVA

 Virginia

Clean Marina Programs

6 In-Progress States

 Connecticut

 Georgia







 New Jersey

 Delaware






 Maine

 New York

Common Elements

-  Coastal NPS Program
-  Advisory Committee (18-31 members)
-  Guidebook
-  Education (workshops & boat shows)
-  Grant funds
-  Coordination with other programs

Funding Sources

-  Section 319 NPS Management Program
-  Coastal Zone Management Program
-  Coastal NPS Program
-  State grant programs
-  Sea Grant





Program Expenditures

(\$1,000)





	CA	CT	DE	FL	MA	MD	NC	TVA	TX	VA	total
2002	150.0		17.0							75.0	242.0
2001	157.0	116.0	8.5	100.0	110.0	231.0	5.0	62.5	54.0	75.0	919.0
2000	200.0	100.0		100.0	80.0	31.0	2.0	62.5	26.5	75.0	677.0
1999	200.0			100.0	80.0	13.0		62.5		65.0	520.5
1998	200.0			100.0	80.0	104.0		62.5			546.5
1997				100.0		62.0					162.0
1996						66.0					66.0
1995						90.0					90.0
total	907.0	216.0	25.5	500.0	350.0	597.0	7.0	250.0	80.5	290.0	3223.0

PA not included

1. What was the driving force for developing your program?

-  State Initiative – 2
-  Clean Vessel Act – 1
-  National Clean Boating Campaign – 1
-  State Initiative – 7

2. What phase of program development are you in?

-  Fully Operational - 8
-  Almost Ready – 1
-  Initial – 1
-  No formal Program - 1






3. How long did it take you to become fully operational (if you are in the initial phase when did you start and when do you think you will be fully operational)?

 N/A - 1







 1-2 years - 7

 3-5 years - 3







4. What is your primary source of funds

-  State - 2
-  EPA 319 - 3
-  NOAA CZM – 3-4
-  NOAA CZARA – 6-7
-  Other – 7

5. Approximately how much do you spend annually to operate your program & number of staff?

-  One - 5
-  Two - 2
-  Unknown – 1 (CA)
-  N/A – 1 (PA)
-  FL has 2 FTE (6 district, 12 industry, 18 extension, Sea Grant, USCG)
-  TVA has 1 PT & 11 Watershed Team Leaders

7. How many marinas have signed pledge forms and how many are “certified” clean marinas?

-  No certification program - 4
-  Certification not started yet - 1
-  Marinas Certified – 95 (6 states)
-  Marina Pledges – 185 (5 states)
-  Clean Marina Partners – 8 (MD)
-  Dockwalker program – 2

8. How many marinas do you have?

 California – 500

 CT – 340 (20 nc)

 DE – 100

 Florida – 2000

 Maryland – 600

 Mass – 360

 NC – 300

 PA – 57

 TVA – 251

 Texas – 348

 Virginia – 1000+

(100 coastal)

Getting Started

- ✴ Identify organizations
- ✴ Establish a committee
- ✴ Define a purpose & process
- ✴ Define “marina” (DE-100 / VA-1000)
- ✴ Develop reporting mechanism
- ✴ Develop education materials

Getting Started cont.

- ✴ Identify funding (avg = \$87,000/yr)
- ✴ Establish a full-time position and/or develop partnerships
- ✴ Conduct workshops
- ✴ Expect 2-year process
- ✴ Cut and Paste

Benefits

- Multi-program coordination
- Bring marinas into the NPS fold
- Competition among marinas
- Public recognition
- Environmental enhancements
- Increased awareness
- Approved Coastal NPS Program

Challenges

- ✪ Translating into specific water quality improvements
- ✪ Finding dedicated committee members
- ✪ Funding (base & additional)
- ✪ Being creative
- ✪ Minimizing “regulatory” perception